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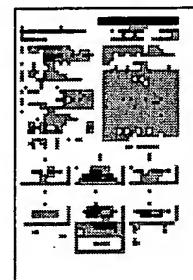
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Get Now: ☒ PDF | [More choices...](#)Tools: Add to Work File: Create new Work File ☐ View: [INPADOC](#) | Jump to: [Top](#) Go to: [Derwent](#)☒ [Email this to a friend](#)Title: **JP8073283A2: FOAMABLE INORGANIC COMPOSITION**Derwent Title: Formable inorganic compsn. with uniform pores - comprises fly ash contg. powder of specified particle size, reactive inorganic powder, a silicate, inorganic filler etc. [\[Derwent Record\]](#)Country: **JP** JapanKind: **A**Inventor: **SAKAMOTO MASAKATSU;**
YOKOYAMA YUZO;Assignee: **SEKISUI CHEM CO LTD**
[News, Profiles, Stocks and More about this company](#)Published / Filed: **1996-03-19 / 1994-09-07**Application Number: **JP1994000213602**IPC Code: **C04B 38/02; C04B 12/04; C04B 14/24; C04B 18/08; C04B 20/00;**
C04B 20/06; C04B 22/06; C04B 28/26;ECLA Code: **C04B28/26;**Priority Number: **1994-09-07 JP1994000213602**

Abstract: PURPOSE: To obtain a composition forming a foamed body having uniform foam, excellent in water resistance, high in strength, low in specific gravity and small in heat shrinkability by incorporating a reactive inorganic powder, an inorganic filler, hydrogen peroxide, an alkali metallic silicate and water.

CONSTITUTION: The foamable inorganic composition is composed of (A) 100 pts.wt. reactive inorganic powder, (B) 20-800 pts.wt. at least one or more kind of the rhombic, angular or cylindrical inorganic filler having 0.01-35µm in particle diameter and 50/1-1.5/1 in the ratio of major diameter to minor diameter, (C) 0.01-10 pts.wt. hydrogen peroxide, (D) 0.2-450 pts.wt. alkali metallic silicate and (E) 35-1500 pts.wt. water. One or more kind selected from among (1) a fly ash powder or (2) a powder fired at 400-800°C, ≥80wt.% of which have ≤10µm powder diameter, a thermal spraying material (3) or (4) of fly ash or a clay and a powder (5) or (6) obtained by impressing mechanical energy to the clay or metakaolin and (7) a powder obtained by further heating (5) at 100-750°C is used as the component A.

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